in U.S. Application No. 10/083,023, filed February 26, 2002, titled "PAGEFUNCTION ARCHITECTURAL SOFTWARE FRAMEWORK," and which is incorporated herein by reference (Attorney Docket No. MSFT-1-18569). For generated user interfaces that do include screens, the controls on the screens may vary from invocation to invocation, as may the controls' attributes: their labels, positions, sizes, contained values, etc. The expert system 308 may also generate other types of user interfaces other than graphical user interfaces (e.g., audio user interfaces).

In the Claims:

Claims 1-11 are canceled without prejudice and disclaimer.

Claims 14-32 are added as follows:

14.   (New) A system for generating user interfaces so that a user may interact with a computer system, the system comprising:

an application including an incomplete user interface and being adapted to store multiple intentions of a user interface designer of the application, each intention including a set of parameters and at least one of posing a question to the user, presenting a piece of information to the user, and defining a task for the user to perform, the incomplete user interface of the application being completed when the one or more intentions are realized; and

an expert system including one or more components for realizing the multiple intentions, the expert system receiving one of the multiple intentions and each received intention identifying and activating a corresponding component for realizing the received intention, each corresponding component programmatically comprising a set of rules extracted from guidelines, conventions, and principles of user interface design, the set of parameters supplied with each received intention aiding the corresponding component to choose and execute a rule from the set

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